Appl. No.: 09/838,367

Reply to Office action of June 3, 2004

Amendments to the Specification

Please replace the Abstract with the following amended Abstract:

The present invention relates to the field of information processing by digital computers, and more particularly to a method and system, in an electronic spreadsheet, of applying one or a plurality of user-defined options within one or a plurality of cells. The method An example of a solution provided here comprises the steps of: defining for each option a boolean variable with a first value and a second value, preferably a "true" or "false" value; for each of said one or plurality of cells: referencing one or a plurality of boolean variables; associating a logical or mathematical operation with each boolean variable; for each of said one or plurality of referenced boolean variables in each of said one or plurality of cells: specifying a default value, said default value being defined as the value of the cell when the referenced boolean variable is set to the first value, preferably when the boolean variable is set to the "false" value; specifying a delta value by applying to the specified cell default value, the operation associated with the referenced boolean variable when the boolean variable is set to the second value, preferably when the boolean variable is set to the "true" value; setting each boolean variable to the first value or to the second value; for each of said one or plurality of cells: and computing said one or plurality of delta values.

Please replace paragraph [0089] with the following amended paragraph:

[0089] Within the Option Applicator Dialog Box 400, the user can also visualise the

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variation of the content of the OAC (according to the effect specified in the "Option Effect" combination box 411) when the applied option is set to "TRUE". For this purpose, the Option Applicator Dialog Box 400 contains a "Delta Value" text box 410 showing the variation of the content of the OAC when the applied option is set to "TRUE". In the specific example of FIG. 4, this delta value corresponds to the opposite of the content of the cell with address D23. More generally, let [[call]] D represent the default value, as defined within the "Default Value" text box 408, let [[call D]] Δ represent the delta value, as defined within the "Delta Value" text box 410 and let [[call]] E represent the value taken by the applied effect as specified within the "Option Effect" combination box 411. Then if the applied option (as specified within the "Applied Option" combination box 412) is "FALSE", then the value taken by the OAC is equal to D, regardless of the value of E; if the applied option is "TRUE", then the value taken by the OAC is respectively equal to D+[[D]] $\underline{\Delta}$, or D*[[D]] $\underline{\Delta}$, or [[D]] $\underline{\Delta}$ if the value of E is equal to "ADD", or "MULTIPLY", or "OR". If the user wishes to modify the delta value, then it has just to use conventional means (such as for instance the pointing device 105 or some short cuts on the keyboard 104) to modify the content of the "Delta Value" text box 410 so that it displays the desired modified value.